

What is the claimed is:

1. A magnetic head tester for testing characteristics of a magnetic head, in which a medium is rotated to float a slider from the medium, comprising:  
a holder removably holding the slider opposed to a surface of the medium; and

suspension means being provided in said holder, which has the same function as a suspension supporting the slider in a real apparatus.

2. The magnetic head tester according to claim 1, further comprising: a holder base inclinably holding said holder; and means for always biasing said holder toward the medium.

3. The magnetic head tester according to claim 2, wherein said holder is inclinably supported, with respect to said holder base, by a supporting pin, which supports a load center of said holder, and said biasing means is provided to said supporting pin.

4. The magnetic head tester according to claim 3, further comprising an elastic member being provided between said holder and said holder base so as to limit inclination of said holder.

5. The magnetic head tester according to claim 4, wherein said elastic member is a coil spring.

6. The magnetic head tester according to claim 4, wherein said elastic member is a cushion.

7. The magnetic head tester according to claim 4, wherein said elastic

member is a leaf spring of said holder, which suspends said holder.

8. The magnetic head tester according to claim 3, wherein a liquid is stored in said holder base, and said holder is floated on and supported by the liquid.

9. The magnetic head tester according to claim 2, further comprising: a hemispheric base supporting the slider on a flat face; and a plurality of supporting pins being central-symmetrically arranged in said holder base, said supporting pins being biased toward said hemispheric base so as to slidably support a spherical face of said hemispheric base, wherein axial lines of said supporting pins are radially arranged with respect to a center of said hemispheric base.

10. The magnetic head tester according to claim 2, further comprising: a hemispheric base supporting the slider on a flat face, said hemispheric base being slidably supported by said holder base; and a plurality of air holes being central-symmetrically formed in said holder base and radially arranged with respect to a center of said hemispheric base, wherein air is jetted toward a spherical face of said hemispheric base from said air holes.